

The Metropolitan Life Survey Of

THE
CALIFORNIA
TEACHER
1985



Metropolitan Life
AND AFFILIATED COMPANIES

The Metropolitan Life Survey Of

THE
**CALIFORNIA
TEACHER**

Conducted for

**METROPOLITAN LIFE
INSURANCE COMPANY**

by

**LOUIS HARRIS
AND ASSOCIATES, INC.**

Data Analysis—Facts About Education
by

Policy Analysis for California Education (PACE)

1985

CONTENTS

	Page
I. INTRODUCTION	1
II. HIGHLIGHTS	4
III. STATE OF THE STATE	7
IV. RETAINING GOOD TEACHERS	11
V. TEACHERS RATE ASPECTS OF THEIR TEACHING ENVIRONMENT	14
VI. WHY TEACHERS THINK ABOUT LEAVING ..	23
VII. ATTRACTING GOOD PEOPLE INTO TEACHING	47
VIII. TEACHERS VIEW THE PRESENT WAVE OF REFORM	52
IX. IS CALIFORNIA DIFFERENT	61
 APPENDIX: SURVEY METHODOLOGY	 66
FACTS ABOUT UNITED STATES EDUCATION	68
FACTS ABOUT CALIFORNIA EDUCATION	72

TABLES

Table	Page
1 TEACHERS RATE POSSIBLE STEPS TO RETAIN GOOD TEACHERS	13
2 TEACHERS EVALUATE PROBLEMS IN THE SCHOOLS	16
3 TEACHERS EVALUATE PROBLEMS IN THE SCHOOLS, BY SIZE OF PLACE	17
4A TEACHERS RATE ASPECTS OF THEIR TEACHING ENVIRONMENT	18
4B TEACHERS RATE ASPECTS OF THEIR TEACHING ENVIRONMENT	19
4C TEACHERS RATE ASPECTS OF THEIR TEACHING ENVIRONMENT	20
5 TEACHERS THINK ABOUT LEAVING TEACHING, BY ADEQUACY OF THE TEACHING ENVIRONMENT	21
6 TEACHERS FIX FOCUS OF RESPONSIBILITY IN THE SCHOOLS	22
7 WHO THINKS ABOUT LEAVING TEACHING	31
8 WHAT MAKES TEACHERS THINK ABOUT LEAVING	32
9 WHO THINKS ABOUT LEAVING TEACHING BY WORK AT SECOND JOB	35
10 TEACHERS AND JOB STRESS	36
11 TEACHERS WHO THINK ABOUT LEAVING TEACHING, BY FREQUENCY OF JOB STRESS	37
12 TEACHERS COMPARE TEACHING VERSUS OTHER OCCUPATIONS	38

Table	Page
13 TEACHERS' SATISFACTION WITH TEACHING AS CAREER, BY TYPE OF SCHOOL AND BY SEX	39
14 TEACHERS' SATISFACTION WITH TEACHING AS CAREER, BY SIZE OF PLACE	40
15 TEACHERS WHO THINK ABOUT LEAVING TEACHING BY DEGREE OF CAREER SATISFACTION	41
16 WHAT MAKES TEACHERS STAY IN TEACHING	42
17 THE OCCUPATIONS THAT ATTRACT TEACHERS	44
18 TEACHERS RATE POSSIBLE STEPS TO ATTRACT GOOD TEACHERS	49
19 TEACHERS RATE POSSIBLE STEPS TO PRODUCE GOOD TEACHERS	51
20 TEACHERS WHO HAVE WITNESSED EDUCATIONAL REFORMS	56
21 TEACHERS EVALUATE THE EFFECTS OF REFORM	57
22 WHETHER REFORMS REFLECT TEACHERS' INPUT AND VIEWS	58
23 TEACHERS WHO HAVE BENEFITED FROM COMPENSATION REFORMS	59
24 TEACHERS EVALUATE THE RELATION OF BUSINESS AND OF COLLEGES TO THE SCHOOLS	60

INTRODUCTION

Metropolitan Life completed its first Survey of the California Teacher in 1984. That study answered the question of whether teachers resisted or embraced education reform efforts. The 1984 survey concluded that teachers, nationally as well as in California, are:

...a group of serious professionals. They are not wedded to the status quo. Teachers seek serious and responsible change and are willing to make personal sacrifices and take on more work themselves to make these changes successful.

The next step was to determine teachers' agenda for reform. That was the work of the 1985 Metropolitan Life Survey of the American Teacher and its companion report on the California Teacher.

This report presents the 1985 views of California teachers. California is the largest state in the union. It is also a state known for innovation and change. Reform in California often presages change throughout the country. The views of California teachers are, therefore, of special significance to policymakers.

The findings of the Metropolitan Life Survey of the California Teacher dovetail with those of the California Commission on the Teaching Profession. That Commission, after two years of rigorous study, recommended ways to restructure the teaching profession. The Metropolitan Life California survey examines teachers' own agenda for strengthening their profession.

Drawing from some of the valuable research conducted for the Commission by PACE (Policy Analysis for California Education) and from its own survey, conducted by Louis Harris and Associates, Inc., Metropolitan Life continues its commitment to research which will bring teachers' opinions to the forefront of the education debate.

Data obtained from both the Metropolitan Life and PACE surveys provide policy-relevant answers to four questions:

1. What factors cause some teachers to remain in the profession and what factors force others to leave?
2. What aspects of the teaching environment do teachers say impinge on their ability to give students the best education?
3. How do teachers perceive reform efforts to date?
4. What reforms do teachers believe must be undertaken if teaching is to attract and retain the academically able?

This survey is based on interviews with 502 current teachers. All interviewing was conducted by telephone between April 25 and June 8, 1985. Every public school teacher from kindergarten through grade 12 had an equal chance of being drawn into the sample. The detailed survey methodology, including information on the statistical reliability of the sample, is provided in Appendix A.

Notes on Reading the Tables

An asterisk (*) on a table signifies a value of less than one-half percent (0.5%). A dash (—) represents a value of zero. Percentages may not always add to 100% because of computer rounding, multiple answers from respondents, or the elimination of "no answers."

Public Release of the Survey Findings

All Louis Harris and Associates surveys are designed to adhere to the code of standards of the Council of American Survey Research Organizations (CASRO) and the code of the National Council of Public Polls (NCPP). Because data from this survey will be released to the public, any release must stipulate that the complete report is also available, rather than simply an excerpt from the survey findings.

Project Responsibility

The director of this project at Louis Harris and Associates was Michael R. Kagay, Ph.D., Vice President. He worked under the overall supervision of Louis Harris, Chairman, Stuart Leichenko, Research Associate, assisted in all aspects of the project.

Louis Harris and Associates gratefully acknowledges the contributions of many individuals to this project. Our colleagues at Metropolitan Life and Program Planners, Inc., in particular, did a great deal to set and to keep our sights in the right direction.

Acknowledgements

We also gratefully acknowledge the work of the Policy Analysis for California Education, PACE, for their thoughtful analysis and interpretation of the California data. Most especially, we wish to thank Michael Kirst, Julia Koppich and William Gerritz of PACE for their contributions to this report.

HIGHLIGHTS OF SURVEY FINDINGS

These highlights summarize the survey findings. Interested readers are encouraged to read the full report for a more complete understanding and explanation of the results.

1. According to the California Commission on Teaching, California will need to recruit to its classrooms a minimum of 80,000 new teachers within the next five years. This figure assumes that California maintains its current second-highest-in-the-nation class sizes and the teacher attrition rate does not increase.
2. More than half of all current California teachers have seriously considered leaving the profession. More than one-fourth of California teachers say they are likely to leave teaching within the next five years. Teachers cite poor salaries, inadequate working conditions, lack of respect, lack of student motivation and poor student discipline as factors which may drive them from the profession.
3. Teachers in California experience more serious problems than do their colleagues around the country with respect to students who lack basic skills, students who use drugs, dropout rates, over-crowded classes, and inadequate programs for remedial students.
4. Teachers believe specific steps can be taken to keep good teachers in the profession. Ninety-four percent of teachers said improved salaries would help a lot, ninety percent believe it would help a lot to give teachers more respect, and eighty-five percent believe reduced class sizes would help a lot.
5. More than one million California school children are taught by teachers who report inadequate instructional materials, insufficient professional support, lack of preparation time and lack of professional decision making authority. Teachers' ratings of the adequacy of their teaching environment affect their decisions about remaining in the profession. Teachers who rate their professional

environment least adequate are more likely by a twelve percentage point margin to consider leaving teaching. Teachers with the least adequate professional environments report experiencing the greatest stress on the job, and teachers who report the greatest stress also are the most likely to say they will leave the profession.

6. California teachers report they are frustrated by their lack of professional decision making authority and their limited opportunities for collegiality. Teachers say it would help a lot or a little to have independence to organize their classes (95%) and want to participate in determining what is taught at their school, developing in-service courses and establishing student routines (more than 90%). Nearly all teachers also report a desire for increased opportunities to observe and be observed by their teaching colleagues. Yet, nearly all teachers also report schools are not currently structured to foster this collegiality.
7. For those who stay in the profession, the most compelling reasons cited by teachers are their own sheer love of teaching and their satisfaction in working with students. Yet, even those who enjoy the profession cite problems when comparing teaching to other occupations. Seventy-one percent cite low salaries, seventy-one percent cite lack of professional prestige, fifty-seven percent cite limited control over one's work and sixty-three percent cite poor equipment.
8. To attract good people into teaching, a majority of teachers believe it would help a lot to: increase certification requirements, make beginning teachers' salaries competitive with other professions, and establish differentiated pay according to qualifications and experience. Teachers do not favor merit pay or allowing school districts to hire non-certificated people.
9. Teachers believe that it would help a lot to modify the training of those entering the profession. Changes teachers favor include upgrading accreditation standards for colleges and universities, increasing admission standards for teachers entering credential programs, placing added emphasis

on teaching skills rather than subject skills during teacher training and requiring an internship prior to final certification.

10. More than 90% of teachers support improved relationships with universities and the business community. Teachers favor advanced college courses for themselves in their teaching specialties, college courses for particularly bright high school students and the development of internship programs between colleges and public schools. More than 90% of teachers believe the business community can and should organize public support for the schools, provide curriculum materials and teacher training and offer internship for teachers in business and industry.
11. The majority of California teachers are aware that education reforms have been enacted and implemented. However, more than half of teachers report reforms have had little impact on students and 42% say reforms have not affected teachers. Moreover, 70% of teachers say their views were not sought and 69% say the reforms reflect the views of school administrators.
12. Teachers' opinions are remarkably similar across the state. Whether they work in small rural districts, medium sized suburban districts or large inner city districts, teachers have nearly identical views about the challenges facing their profession and the steps that must be taken to attract and retain qualified teachers.



THE STATE OF THE STATE

California is the largest and one of the most diverse states in the union. Its adult and school age population are growing and becoming increasingly more heterogeneous. At this time, the pool of available teacher talent threatens to be insufficient to meet the needs of the schools as California moves into the 21st century.

California currently employs 175,000 K-12 public school teachers. The "average" California teacher is 42 years old and has fifteen years of teaching experience. Most California teachers are women (65%) and most are white (83%). Nearly 40% of the state's teachers have earned master's degrees. The average teacher salary in California ranks among the highest in the country. The State Department of Education reported an annual teacher salary of \$24,843 in 1983-84. Salaries vary by as much as \$8,000 a year, according to location. Teachers in urban areas, where the cost of living is higher, tend to earn more than those in rural and suburban school districts.

According to current estimates, even if California maintains its present pupil-teacher ratio — which is the second highest in the country — the state will need an additional 80,000 teachers in the next five years. Particular teacher shortages are already evident in the areas of mathematics, science, bilingual education and special education.*

California's teachers will be challenged by an increasingly diverse and changing student population. The state's K-12 enrollment is increasing now and is projected to continue to increase well into the next century. Nearly 25% of the immigrants coming to the United States are settling in California, primarily in the urban areas of Los Angeles and San Francisco. The immigrant influx is dramatically reflected in a school-age population that is significantly non-English speaking. Nearly one-quarter (23%) of California's public school students speak a language other than English at home. The kinds of households from which children come is changing, too. No longer is the two parent family the norm.

*California Commission on the Teaching Profession, *Who Will Teach Our Children! A Strategy For Improving California Schools*. November, 1985.

In the last three years, the state of California has put much energy and money into education reform. California's most ambitious education reform effort was the Hughes-Hart Educational Reform Act of 1983, commonly known as SB 813. The declared purpose of SB 813 was, "...to encourage continued reform and improvement of California's elementary and secondary schools" by accomplishing a series of goals, including, "...maintain[ing] ... school campuses which encourage... high morale and high quality of teaching from teachers."

SB 813 was dual purpose legislation. It pumped 800 million badly needed dollars into California's sagging school finance system. Currently, the state spends \$17.36 billion on K-12 education. The law also prescribed eighty-four separate reforms.

The SB 813 reforms which most directly affect the teaching profession are the following:

- Salaries for beginning teachers increased from an average of \$14,000 per year in 1982-83 to \$21,000 per year in 1986-87;
- Probationary period shortened from three years to two and teacher dismissal procedure streamlined;
- California Mentor Teacher Program established to allow up to 5% of a district's top teachers to earn additional money in exchange for assuming extra responsibility. \$30.8 million was spent on this program in 1984-85;
- California Teacher Instructional Improvement Program (CTIIP) Initiated to provide grants to individual teachers for special projects;
- Lifetime teaching credential eliminated;
- Teacher Trainee Program established to enable people who want to teach in grades 9-12 but have no teacher training to earn a credential by teaching for two years;
- School day and school year lengthened;
- New programs for training school administrators begun.

Laying the SB 813 reforms alongside the Metropolitan Life and PACE surveys indicates clearly that SB 813 made some significant contributions to the early stages of education reform. However, new issues also emerge.

Survey responses show that teachers are clear about the changes they want:

- Greater professional decision-making authority;

- Increased opportunities for collegial interaction;
- Higher salaries;
- Smaller class sizes;
- Stricter standards for those entering the teaching profession.

SB 813 represents a noble effort on the part of the state policy-makers to bring needed changes to California's public schools. SB 813, however, was constructed with vital information missing — the professional opinions of California teachers. The results of the Metropolitan Life California survey paint a picture of teachers as dedicated professionals, concerned about reform, anxious to be involved in it and willing to support risky, even radical changes in school and in the teaching profession.

THE CALIFORNIA COMMISSION ON THE TEACHING PROFESSION

The California Commission on the Teaching Profession was created by State Superintendent of Public Instruction Bill Honig, Assembly Education Chair Theresa Hughes and Senate Education Chair Gary Hart. Composed largely of business representatives and others outside the education, the Commission was charged with the task of examining all aspects of the teaching profession and making recommendations for change.

The Commission issued its report in November 1985 after an exhaustive fifteen month study. In its report the Commission declared that:

...California's educational system faces unprecedented challenges, demanding new approaches in school organization and classroom instruction. Teachers are instrumental to educational improvement, but systemic compromises with professionalism have eroded the attractiveness and contribution of the teaching teachers.

The report continued:

Any program for reform of education must address (the) defects in the teaching profession. Without the dedication of teachers...the schools cannot produce an education of value for all students. Californians must ask: What will it take to attract, train, and retain enough good people in teaching?

The recommendations of the California Commission on the Teaching Profession go to the heart of the hopes and concerns teachers expressed in their survey responses.

Among the reforms proposed by the Commission are:

- Upgrading standards for entry and advancement in teaching;
- Creating a professional career ladder for teachers;
- Reducing class sizes;
- Increasing the availability and supply of instructional materials;
- Increasing salaries of beginning teachers;
- Restructuring school management to encourage collaboration between teachers and principals;
- Increasing teachers' professional decision-making authority.

The California legislature is currently grappling with several proposals designed to implement the recommendations of the Commission.

Results of the Metropolitan Life survey leave little doubt that teachers want to be part of the reform process. California's teachers represent a rich, and as yet largely untapped, resource for ideas, support, direction and implementation of significant school change. Indeed, involving teachers, valuing their professional opinions and expertise, may well be a necessary prerequisite to maintaining the momentum, preserving the gains and increasing the benefits of the current education reform movement.

RETAINING GOOD TEACHERS

California is facing a critical teacher shortage. This is a situation that promises to worsen before it improves. To be sure, part of the problem can be traced to the difficulty in attracting new people into teaching. A parallel concern of equal seriousness is the number of practicing teachers who leave the profession in mid-career. This is happening at a time when California schools, after a decade of decline, will grow by nearly 450,000 students by 1990. To stem the erosion of the teaching force, the California Commission recommends redesigning the school as a more productive workplace.

Teachers also believe steps can be taken to keep good teachers in the classroom. When presented with a list of a dozen possible reforms designed to keep people in the classroom, California teachers gave nearly unanimous support for all the reforms, including increasing respect for teachers, lowering class sizes, improving salaries, freeing teachers from non-teaching duties, and increasing parent involvement in the schools (see Table 1).

- By a 94-6% margin, teachers said it would help a lot to improve salaries.
- Nine in ten teachers (90%) believe it would help a lot to give teachers more respect by society.
- Nearly nine in ten teachers (87%) report it would help a lot for schools to be more adequately financed.
- By an 85-15% margin, teachers believe lower class sizes would help a lot to retain teachers in teaching.

California has the highest pupil-teacher ratio in the country. The national average is 18 students to 1 teacher. In California's elementary schools, the pupil-teacher ratio is 24 to 1; in secondary schools, the ratio is 28 to 1. It is therefore not surprising that 85% of California teachers versus 79% of teachers nationwide believe that reducing class size will be of great help in retaining teachers.

A PACE survey conducted for the California Commission found that:

- Nearly three-quarters of elementary teachers (74%) report they teach between 26 and 50 students per day in a self-contained classroom.

- Among secondary teachers, 40% report they teach 100 to 150 students each day; 26% teach 151-200 students a day.
- One-quarter of all teachers (25%) report that 10% or more of their students are limited or non-English speaking.
- More than one third of teachers (34%) report that at least 10% of their students receive equal special education services.*

*The results of this survey can be obtained from: PACE, School of Education, Tolman Hall, University of California, Berkeley, CA 94720.

Table 1

TEACHERS RATE POSSIBLE STEPS TO RETAIN GOOD TEACHERS

QUESTION: I will now read some steps that might be taken to encourage good teachers to remain in teaching instead of leaving the profession. For each, please tell me whether you think it would help a lot, help a little, or would not help at all in *keeping good people in teaching*.

	PERCENTAGE								
	HELP A LOT		HELP A LITTLE		WOULD NOT HELP AT ALL		NOT SURE		
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.	
Base: CA 502 US 1846									
Providing a decent salary	94	94	5	6	*	*	—	—	
Providing more respect for teachers in today's society	90	90	9	9	1	1	—	—	
Having students who are more strong motivators to learn	86	85	12	13	2	1	—	1	
Providing increased financial support for the school system	87	84	11	15	1	1	*	*	
Providing smaller class size	85	79	14	20	1	1	*	*	
Reducing any unnecessary rules and requirements that waste teachers' time	73	72	25	25	1	2	1	*	
Providing better tools and supplies teachers need to do their job	65	69	33	29	2	2	*	*	
Reducing the time teachers need to spend on discipline	71	69	27	27	2	3	*	*	
Reducing the time teachers need to spend on administrative tasks	67	68	31	30	2	2	*	*	
Providing more independence to organize classes the way teachers think they should be	57	59	38	38	5	2	*	*	
Having more parent involvement with the schools	49	56	43	39	8	5	*	*	
Providing a closer match between student needs and teacher capabilities	52	55	39	39	6	5	2	1	

*less than 0.5%

TEACHERS RATE ASPECTS OF THEIR TEACHING ENVIRONMENT

A good teaching environment is essential for teachers to do their job successfully. Teachers have no trouble distinguishing those aspects of their teaching environment which they consider better than adequate from those which they consider less than adequate. Teachers' feelings about the adequacy of that environment have a clear impact on considerations of staying in teaching or leaving the profession. Teachers believe their working conditions, which are their students' learning conditions, must be improved.

Aspects judged most adequate tend to be traditional and basic in any school: textbooks, library materials, and administrative support. Aspects judged least adequate tend to be somewhat specialized or less traditional: language labs, science labs, and teachers' aides and assistants.

When Louis Harris queried California teachers about their working conditions, results differed based on grade level and location. Most often, the working conditions are reported to be worse in inner cities and their surrounding urbanized school systems. Moreover, California teachers experience more serious problems relative to teachers nationwide particularly with respect to: students lacking basic skills, students using drugs, dropout rates, overcrowding, and inadequate programs for remedial students (see Tables 2 and 3). That 58% of California teachers, as opposed to 37% of teachers nationwide, find the remedial programs inadequate is particularly foreboding. Moreover, the California Commission on the Teaching Profession found that California expects the largest increase in the proportion of students with multiple educational disadvantages — poverty, single parents, very young parents, uneducated parents and insufficient English skills.

The Harris/Metropolitan Life survey found that California teachers' ratings of the adequacy of their teaching environment affect their decision about remaining in the profession.

- Those California teachers who rate their environment least adequate are more likely by a 12 percentage point margin to say they have seriously considered leaving the

profession. These same teachers are also more likely by a 12 percentage point margin to think they will leave in the next five years (see Table 5).

- One way the teaching environment impacts on the likelihood of leaving is via increasing stress. Teachers with the least adequate environment report great stress somewhat more frequently.
- Teachers' feelings about the adequacy of their teaching environment do not vary a great deal across areas of the state (see Tables 4B and 4C).

TEACHERS' RESPONSIBILITIES VERSUS OTHER RESPONSIBILITIES

In dealing with other professionals within the educational system, teachers reserve no educational function entirely for themselves, nor do they delegate any educational function entirely to other professionals. Rather, teachers see almost every educational function as a joint responsibility of teachers and others within the school system.

The tasks that teachers most strongly reserve to themselves are pedagogical ones: instructing students and selecting textbooks. But even in these critical areas, large numbers of teachers believe there should be joint sharing of responsibility with others within the system.

Tasks on which teachers most strongly want to involve others include counseling students on health, and counseling students on careers. But here, too, teachers value a joint sharing of responsibility, not a delegation of responsibility (see Table 6).

Table 2
**TEACHERS EVALUATE PROBLEMS
 IN THE SCHOOLS**

QUESTION: Now I am going to read some things that some people have said are *problems* with the public schools. After I read each one, please tell me if you think that problem is very serious, somewhat serious, not very serious, or not at all serious in the public school in which you teach.

	PERCENTAGE							
	VERY SERIOUS		SOMETHAWT SERIOUS		NOT VERY SERIOUS		NOT AT ALL SERIOUS	
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.
Teachers of Grades 7-12 Base: CA 211 US 820								
The number of students who lack basic skills	42	30	43	50	11	16	4	4
The amount of drinking by students	28	27	42	39	18	20	10	13
The number of students using drugs	20	14	50	44	21	29	6	11
The number of teenage pregnancies	13	19	28	30	35	29	20	20
The number of dropouts	20	13	27	27	36	34	15	22
The number of teenage suicides	5	4	15	13	34	33	41	45
Teachers of Grades K-6 Base: CA 313 US 1124								
Overcrowded classes	32	18	34	31	20	29	14	21
Inadequate programs for the gifted and talented	18	17	19	28	31	27	27	25
Inadequate programs for remedial students	19	8	39	29	25	35	16	27
Inadequate programs for bilingual education	14	13	22	16	26	23	34	26
Inadequate programs for the handicapped	7	8	17	19	32	30	29	33
Absenteeism	7	6	30	22	35	41	28	30

Table 3
**TEACHERS EVALUATE PROBLEMS IN THE SCHOOLS,
 BY SIZE OF PLACE**

QUESTION: Now I am going to read some things that some people have said are *problems* with the public schools. After I read each one, please tell me if you think that problem is very serious, somewhat serious, not very serious, or not at all serious in the public school in which you teach.

	"Very Serious" or "Somewhat Serious"					
	TOTAL TEACHERS	PERCENTAGE				
		SIZE OF PLACE				
		INNER CITY	OTHER URBAN	SUBURB	SMALL TOWN	RURAL
Teachers of Grades 7-12 Base:	211	26	35	73	52	25
The number of students who lack basic skills	85	89	97	73	89	88
The amount of drinking by students	70	66	70	74	67	61
The number of students using drugs	70	80	74	72	66	58
The number of teenage pregnancies	41	75	34	29	42	45
The number of dropouts	47	77	49	35	49	43
The number of teenage suicides	20	13	14	25	19	20
Teachers of Grades K-6 Base:	313	58	48	104	72	31
Overcrowded classes	66	66	62	67	71	54
Inadequate programs for the gifted and talented	37	38	31	32	44	49
Inadequate programs for remedial students	58	60	55	62	53	54
Inadequate programs for bilingual education	36	41	34	35	30	42
Inadequate programs for the handicapped	24	34	22	21	22	23
Absenteeism	37	51	36	27	36	50

Table 4 A
**TEACHERS RATE ASPECTS OF THEIR
TEACHING ENVIRONMENT**

QUESTION: First, I would like you to evaluate some of the support facilities that exist in many schools. As I read each one, please tell me whether you would rate the support facilities in *your* school as better than adequate, adequate, or less than adequate.

Base: CA. 502 U.S. 1846	PERCENTAGE											
	BETTER THAN ADEQUATE		ADEQUATE		LESS THAN ADEQUATE		NOT APPLICABLE (VOLUNTEERED)		NOT SURE			
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.
	24	35	59	55	16	10	*	*	*	*	*	*
Textbooks and instructional material	24	35	59	55	16	10	*	*	*	*	*	*
Administrative support	34	36	45	45	21	18	—	—	*	*	*	*
Library materials	25	32	49	49	26	19	—	*	—	—	*	*
Computer hardware and software	23	29	34	38	41	29	2	2	1	2	1	2
People responsible for discipline	23	22	53	53	23	25	*	1	*	*	*	*
People responsible for truancy	18	14	46	48	32	33	4	4	1	1	1	1
Guidance counselors	10	15	26	38	55	38	10	9	—	—	1	1
Teacher's aides and assistants	25	18	35	34	36	43	3	5	*	*	*	*
Laboratories for language	6	7	31	35	49	40	13	15	1	2	1	2
Laboratories for science	5	7	24	30	56	48	13	13	1	2	1	2

*Less than 0.5%

Table 4 B
**TEACHERS RATE ASPECTS OF THEIR
TEACHING ENVIRONMENT**

QUESTION: First, I would like you to evaluate some of the support facilities that exist in many schools. As I read each one, please tell me whether you would rate the support facilities in *your* school as better than adequate, adequate, or less than adequate.

Basoo: L. A. 90 S.F. 76	PERCENTAGE									
	BETTER THAN ADEQUATE		ADEQUATE		LESS THAN ADEQUATE		NOT APPLICABLE (VOLUNTEERED)		NOT SURE	
	L.A.	S.F.	L.A.	S.F.	L.A.	S.F.	L.A.	S.F.	L.A.	S.F.
	—	—	—	—	—	—	—	—	—	—
Textbooks and instructional material	19	24	66	53	16	22	—	—	—	1
Administrative support	34	37	47	47	19	16	—	—	—	—
Library materials	27	30	47	50	27	20	—	—	—	—
Computer hardware and software	16	22	32	32	47	45	4	—	1	1
People responsible for discipline	22	21	49	51	29	26	—	1	—	—
People responsible for truancy	20	13	40	47	37	29	2	11	1	—
Guidance counselors	12	9	21	30	54	51	12	9	—	—
Teacher's aides and assistants	30	16	38	38	28	43	3	1	1	1
Laboratories for language	6	5	37	30	43	45	12	20	2	—
Laboratories for science	4	4	23	37	52	45	19	13	1	1

*Less than 0.5%

Table 4C
**TEACHERS RATE ASPECTS OF THEIR
 TEACHING ENVIRONMENT**

QUESTION: First, I would like you to evaluate some of the support facilities that exist in many schools. As I read each one, please tell me whether you would rate the support facilities in *your* school as better than adequate, adequate, or less than adequate.

	Base: Inner city (I) 81				City (C) 81				Suburban (S) 172				Rural (R) 48			
													P E R C E N T A G E			
	BETTER THAN ADEQUATE		ADEQUATE		LESS THAN ADEQUATE		NOT APPLICABLE (VOLUNTEERED)		NOT SURE							
	I	C	S	R	I	C	S	R	I	C	S	R	I	C	S	R
Textbooks and instructional material	20	25	25	26	58	61	56	62	21	14	18	12	—	—	1	—
Administrative support	25	35	37	37	44	50	44	34	31	14	19	29	—	—	—	—
Library materials	17	31	31	21	58	39	49	39	25	30	20	41	—	—	—	—
Computer hardware and software	21	26	18	33	35	32	36	32	42	42	44	34	2	—	1	—
People responsible for discipline	21	25	27	16	50	49	51	57	29	25	22	22	—	1	—	2
People responsible for truancy	11	19	24	13	47	44	40	55	38	32	32	28	1	4	4	3
Guidance counselors	8	8	13	6	26	29	23	21	56	53	53	58	11	10	10	14
Teacher's aides and assistants	26	28	24	32	51	29	31	35	19	42	40	33	3	1	4	—
Laboratories for language	5	7	8	6	36	34	28	25	44	52	48	59	13	7	15	10
Laboratories for science	7	2	8	2	22	28	27	31	56	55	51	65	14	14	14	2

*less than 0.5%

Note: The category of "small town" has been omitted from this table.

Table 5

TEACHERS THINK ABOUT LEAVING TEACHING,
BY ADEQUACY OF THE TEACHING ENVIRONMENT

QUESTION: Have you ever seriously considered leaving teaching to go into some other occupation?

QUESTION: Within the next five years how likely is it that you will leave the teaching profession to go into some different occupation – very likely, fairly likely, not too likely, or not at all likely?

	Adequacy of the Teaching Environment								
			PERCENTAGE						
	TOTAL TEACHERS		MOST ADEQUATE		MIXED LEVEL		LEAST ADEQUATE		
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.	
Base:	502	1846	70	368	206	731	226	747	
Ever Seriously Considered Leaving									
Yes, considered	54	51	45	39	55	48	57	62	
No, not considered	45	49	55	61	45	52	42	38	
Not sure	*	*	—	*	—	*	*	*	
Likely to Leave Within Next 5 Years									
Very likely	15	12	12	10	14	11	18	15	
Fairly likely	14	14	10	9	13	13	16	18	
Not too likely	25	26	19	25	25	27	27	26	
Not at all likely	46	47	58	55	49	48	39	40	
Not sure	1	*	1	1	*	*	*	*	

*less than 0.5%

Note: Reported adequacy is based on the combined responses to the 10 items in Q1.

Table 6
**TEACHERS FIX FOCUS OF
 RESPONSIBILITY IN THE SCHOOLS**

QUESTION: I would like you to evaluate various tasks that are performed in most schools, and to tell us which you think should be solely the responsibility of teachers, which should be solely the responsibility of other people, and which should be the *joint* responsibility of both teachers and other people.

Base: CA. 502 U.S. 1846	P E R C E N T A G E							
	SOLELY THE RESPONSIBILITY OF TEACHERS		THE JOINT RESPONSIBILITY OF BOTH TEACHERS AND OTHER PEOPLE		SOLELY THE RESPONSIBILITY OF OTHER PEOPLE		NOT SURE	
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.
Instructing students	62	59	38	41	—	*	*	*
Selecting textbooks	47	46	53	54	—	*	—	*
Training new and less experienced teachers	31	27	65	67	4	5	—	*
Developing the curriculum	21	21	79	78	1	1	—	*
Disciplining students	5	9	92	89	3	2	*	*
Counseling students on health	6	7	82	84	12	9	*	*
Counseling students on careers	3	3	77	82	18	14	2	1

*Less than 0.5%

WHY TEACHERS THINK ABOUT LEAVING

According to the California Commission on the Teaching Profession, California will not have enough teachers to meet the educational needs of its school-aged population. The Commission estimates that the schools must recruit nearly 80,000 additional teachers by the end of this decade.

Recruiting new teachers may be made more difficult by the high rate of attrition both nationally and in California. The Metropolitan Life Survey of California teachers discovered that more than half of all teachers currently teaching in California schools (54%) have at some time seriously considered leaving the profession to go into some other occupation. More than one-quarter (29%) of California teachers say that within the next five years, they are likely to leave teaching for some different occupation (see Table 7). Teachers who think about leaving are widely spread throughout the profession and across the state. They are to be found in all areas of the state, in all types of schools and at all levels of teaching experience. California teachers resemble their peers nationwide in terms of the numbers desirous of leaving the profession. What compounds the projected teacher shortage in California is the anticipated increase in school enrollment and the special educational needs these students are likely to have.

CHIEF REASONS WHY TEACHERS CONSIDER LEAVING

Inadequate salary and poor working conditions dominate the list of reasons that cause teachers to consider leaving the profession. Reasons cited by California teachers are the same as those cited by teachers throughout the United States.

- Sixty-five percent of California teachers cite inadequate salaries as the main reason causing them to consider leaving teaching.
- Working conditions rank as the second most important motivating factor, with 44% of California teachers citing as their main reason for thinking about leaving the profession such conditions as too much paperwork, too many non-teaching duties, overcrowding, and long hours.

Factors related to administration, lack of respect, and students are next in importance.

- Thirty percent of teachers cite lack of administrative support and dissatisfaction with administrators as their main motivation for leaving.
- Lack of respect is mentioned by another twenty-nine percent of teachers as their chief reason for considering another occupation.
- Twenty-nine percent of teachers who consider leaving point to such factors as lack of student discipline and lack of student motivation. Twenty percent alone cite discipline.

Table 8 presents in detail the reasons offered by current teachers for thinking about leaving. Men and women cite slightly different reasons. Men who consider leaving are more likely to mention salary, whereas women who consider leaving are relatively more likely to mention working conditions.

TEACHING AND JOB STRESS

Teaching is a stressful occupation. Realizing this, the California Commission calls for a restructuring of the teaching profession because, warns the Commission: "...without compensating experiences of growth and renewal, [teaching] can eventually lead to emotional exhaustion and alienation..."

Forty percent of California teachers report that they experience great stress several days a week or more as part of their teaching job (see Table 10). By comparison, the recent Harris survey for *Prevention* magazine shows that among American adults as a whole, twenty-seven percent experience stress that often.

The degree to which teachers experience stress has an impact on considerations of staying in teaching or leaving the profession (see Table 11).

- Teachers who report great stress several times a week or more as part of their job are more likely by a 12 percentage point margin to have seriously considered leaving

than those teachers who experience great stress less than once a week. These same teachers are more likely by an 8 point margin to think they might leave the profession in the next five years.

The experience of stress is very widely shared by all categories of teachers examined in this study. No category of teacher stands out as much more highly stressed than others. Rather, there are highly stressed individuals in all categories of teachers (see Table 11).

TEACHING COMPARED TO OTHER OCCUPATIONS

When asked to compare their profession to other occupations, California teachers agree on the advantages of teaching. *In fact, California teachers are more positive about the attributes of the teaching profession than are teachers nationwide* (see Table 12).

- Teachers rate job security (80%), vacation benefits (77%), personal satisfaction (60%), and the caliber of the colleagues one works with (46%) as the major dimensions on which teaching is better than other occupations. Interestingly California teachers believe they are more secure in their jobs but feel they have less job satisfaction than do teachers nationally. Nevertheless, these factors represent enduring advantages that the teaching profession enjoys as people calculate the pluses and minuses of being a teacher.
- A majority of California teachers is also in agreement about the aspects of teaching which compare most unfavorably to other professions. However when compared to teachers nationally, California teachers differ in their views. Eighty-one percent of teachers nationally believe salaries are better in other professions compared with seventy-one percent in California.
- Other unfavorable characteristics include: lack of professional prestige (71%), limited control over one's own work (57%), and the poor equipment with which one has to work (63%). These factors represent powerful liabilities as people contemplate career decisions involving teaching.

WHY TEACHERS STAY

Despite what teachers report as inadequate compensation and poor working conditions, many teachers say that they find satisfaction in teaching as a career.

- Nearly four-fifths of teachers (79%) who have considered leaving the profession report they have stayed simply because they derive satisfaction from teaching, which is slightly higher than teachers nationally (74%). This includes teachers' relationships with their students (47%), love of teaching (36%) and satisfaction in seeing students grow or progress (28%).
- Nearly half of teachers (48%) who have chosen to remain in the profession cite such tangible job benefits as job security, having summers off and the work hours.
- Among all California teachers, 42% say they are very satisfied with teaching as a career; 36% say they are somewhat satisfied.
- Over one-fifth of teachers (23%) report they are dissatisfied with teaching as a career.

Teachers' feelings of satisfaction or dissatisfaction with their careers have an overwhelming impact on consideration of staying in teaching or leaving the profession (see Table 15).

- Those who are dissatisfied are more likely by a 50 percentage point margin to have considered leaving than those who are very satisfied.
- Teachers who are dissatisfied are 37 percentage points more likely to think that they might leave within the next five years. Some categories of teachers tend to be more satisfied or dissatisfied than others.
- Satisfaction with teaching as a career tends to run higher in elementary schools and lower in secondary schools.
- Satisfaction is higher among women teachers and lower among men teachers.

Proportions of satisfied and dissatisfied teachers do not vary across state regions nor in a comparison of urban versus suburban schools.

WHERE TEACHERS THINK ABOUT GOING

OCCUPATIONS THAT ATTRACT CURRENT TEACHERS

Regardless of where they teach, when teachers seriously consider leaving the profession, they are attracted to a broad range of occupations. These include:

- executive managerial and administrative posts (15%);
- various kinds of specialties in the arts, the sciences, and the helping professions (31%);
- technical occupations such as in the field of science and computers (8%); and various sales occupations from real estate to store ownership (18%).

Men and women favor somewhat different categories of occupations.

- Female teachers who have considered leaving are slightly more likely than men to have been attracted to professional specialties.
- Male teachers who have considered leaving are more likely than women to have been attracted to sales occupations.
- Nearly all occupations that attract teachers are of the white-collar variety. Only six percent of teachers mention service, agricultural, craft, or laboring occupations as other job choices.

TEACHERS VIEWS ON THEMSELVES AS PROFESSIONALS

California is on the verge of a critical teacher shortage. The pool of talent from which prospective teachers were traditionally drawn — women and minorities — has all but disappeared as other job opportunities have opened up for these groups. Moreover, teaching has become an increasingly less attractive occupation for those entering the job market.

Survey responses indicate that low salaries, inadequate working conditions and low status are three factors which affect the supply of teachers. Another important factor is what teachers express as a lack of respect for their professional expertise.

Teachers report they have little professional decision-making authority. Both the Metropolitan Life and PACE surveys show a vast disjuncture between what teachers' professional judgment tells them and what happens in schools. Yet almost all teachers report a strong desire for increased participation in decision-making.

- Nearly all teachers (95%) report that providing more independence to organize classes the way teachers think they should be organized would encourage good teachers to remain in teaching rather than leaving the profession (see Table 1).
- More than half of all teachers (57%) believe teachers have less control over their work than do members of other professions (see Table 12).

SOME FINDINGS FROM THE PACE SURVEY

The PACE study examined the issue of teachers and decision-making authority in greater detail. That survey found that the strongest correlation between what teachers believe should happen and what actually does happen is in the area of classroom furniture arrangement. On issues of greater professional substance — deciding what is taught, establishing school routines or directing on-the-job training — teachers report little involvement.

- More than nine out of ten teachers (96%) believe they should participate in determining what is taught at their schools.

Fewer than half of teachers (41%) report an opportunity for such participation.

- Nearly all teachers (98%) believe the administration should consider teachers' preferences in making teaching assignments. Fewer than half of teachers (42%) report their preferences are considered.
- By a 96-4% margin, teachers agree that they should participate in determining professional development, or in-service courses. Only one-fifth of teachers (22%) report that they have an opportunity to help determine which in-service courses are offered.
- When asked if the faculty should be involved in setting school routines, like bell schedules, 85% of California teachers said they should. Just slightly over one-quarter of teachers (26%) said they actually do have a voice in setting their schools' student routines.
- Nearly all teachers (98%) believe that teachers and administrators should work together to establish student discipline policies. Fewer than half of teachers (42%) report that they are involved in setting schools' discipline policies.
- More than eight out of ten teachers (84%) believe they should participate in determining assignment of students to teachers' classes. Fewer than one-third of teachers (28%) report that level of involvement.
- More than three-quarters of California teachers (78%) agree that they should "participate in selecting new teachers to come to my school." Only (15%) of teachers report they are consulted in this matter.

One of the hallmarks of professionalism is developing collaborative relationships with one's colleagues. The PACE survey found that teachers desire greater collegiality, but have limited opportunities for interaction with their teaching peers.

- Nearly nine out of ten teachers (87%) report they could improve their teaching by observing other teachers. Only 6% of teachers say they have an opportunity to observe their colleagues on a regular basis.
- More than three-quarters of teachers (77%) believe they can enhance their skills by having other teachers observe them and provide feedback. Just 3% of teachers report that their colleagues have an opportunity to spend time watching them teach.
- Nearly all teachers (93%) want the administration to schedule time during the workday when teachers can talk to their colleagues about professional matters. Less than one-seventh of teachers (14%) report that they have such time.

Table 7
**WHO THINKS ABOUT
 LEAVING TEACHING**

QUESTION: Have you ever seriously considered leaving teaching to go into some other occupation?

QUESTION Within the next five years how likely is it that you will leave the teaching profession to go into some different occupation – very likely, fairly likely, not too likely, or not at all likely?

	PERCENTAGE					
	U.S. TOTAL TEACHERS	CALIFORNIA TOTAL TEACHERS	L.A.	S.F.	OTHER NORTHERN REGIONS	OTHER SOUTHERN REGIONS
Base	1846	502	90	76	188	148
Ever seriously considered leaving						
Yes, considered	51	54	50	55	57	56
No, not considered	49	45	52	45	43	44
Not sure	*	*	—	—	1	—
Likely to leave within next 5 years						
Very likely	12	15	14	20	15	14
Fairly likely	14	14	17	16	11	13
Not too likely	26	25	20	25	26	28
Not at all likely	47	46	49	38	47	43
Not sure	*	1	—	1	—	1
LA = Los Angeles County SF = San Francisco Bay Area						

Table 8
WHAT MAKES TEACHERS THINK ABOUT LEAVING

Base: 985 Current teachers who seriously considered leaving

QUESTION: What were the main things that made you consider *leaving* teaching?
Anything else?

	PERCENTAGE					
	TOTAL		MEN		WOMEN	
	CA.	U.S.	CA.	U.S.	CA.	U.S.
Base:	277	985	105	387	172	598
Inadequate, Low Salary	65	62	73	77	61	53
Working Conditions (net total)	44	41	37	31	48	48
Paperwork	13	12	10	5	14	17
Non-teaching duties	14	12	10	10	16	14
School environment, physical aspects	9	8	9	7	9	9
Overcrowding, class size	12	8	9	5	14	10
Long hours	2	5	3	4	2	6
Lack of input, independence, freedom	5	5	4	5	5	5
Workload	4	4	1	3	6	4
Lack of supplies, materials	4	3	4	3	4	3
Inadequate time for planning	1	1	1	1	1	2
All other working conditions	20	21	20	19	19	23
Student-Related (net total)	29	31	31	32	27	31
Lack of discipline by students	20	21	20	19	19	10
Lack of motivation by students	9	11	13	13	6	10
General attitudes of students	2	3	4	2	1	4

Table 8 (continued)
WHAT MAKES TEACHERS THINK ABOUT LEAVING

	PERCENTAGE					
	TOTAL		MEN		WOMEN	
	CA.	U.S.	CA.	U.S.	CA.	U.S.
Changes in lifestyles	—	—	—	—	—	—
All other student-related	4	2	4	2	3	2
Administration-Related (net total)	30	25	22	24	35	25
Lack of Administrative Support	16	14	11	11	19	15
Dissatisfaction with Administration	11	8	8	10	12	7
Incompetent Administration	3	3	4	3	3	3
All other Administration-related	3	1	2	1	3	2
Lack of Respect (net total)	29	25	23	22	32	27
Society's attitude toward teaching	8	7	6	5	9	8
Lack of respect from students	5	6	2	5	7	7
Lack of respect in community	4	5	5	4	4	6
Low status, prestige	6	4	7	6	5	3
Lack of respect in general	6	4	3	4	9	4
Lack of respect from parents	2	3	1	3	3	2
Not considered a professional	5	3	3	3	6	2
All other lack of respect-related	—	—	—	—	—	—
Emotional Aspects (net total)	25	22	25	20	26	23
Routine, boredom	17	13	14	10	19	14
Stress	9	8	9	7	9	9

Table 8 (continued)

WHAT MAKES TEACHERS THINK ABOUT LEAVING

	PERCENTAGE					
	TOTAL		MEN		WOMEN	
	CA.	U.S.	CA.	U.S.	CA.	U.S.
Frustration	5	5	4	5	5	5
Lack of fulfillment	5	4	5	5	5	4
Burnout	5	4	4	3	6	5
All other emotional-related	2	1	1	1	2	1
Parent and community-related (net total)	21	21	22	16	21	24
Lack of parent support	15	18	13	12	16	22
Lack of community support	6	2	9	3	4	2
All other parent and community-related	2	2	2	1	2	2
Miscellaneous						
Opportunity to do something else	6	7	6	6	7	7
No chance of advancement	4	5	4	6	5	5
Lack of school funds, budget	5	3	4	2	5	4
Teacher testing	—	2	—	1	—	3
New laws, reforms	3	2	1	2	4	3
Better benefits elsewhere	1	1	—	2	1	1
Dissatisfaction with colleagues	3	1	2	1	4	2
All other reasons mentioned	7	6	4	4	8	7

Note: Figures add to more than 100% because teachers were free to offer more than one reason in answer to the open-ended questions. "Net" figures show the total giving at least one answer within a major grouping of answers.

Table 9

WHO THINKS ABOUT LEAVING TEACHING BY WORK AT SECOND JOB

QUESTION: Have you ever seriously considered *leaving* teaching to go into some other occupation?

QUESTION: Within the next five years how likely is it that you will leave the teaching profession to go into some different occupation – very likely, fairly likely, not too likely, or not at all likely?

	PERCENTAGE					
	TOTAL TEACHERS		WORKED AT SECOND JOB		NO SECOND JOB	
	CA.	U.S.	CA.	U.S.	CA.	U.S.
Base:	502	1846	122	515	380	1331
Ever seriously considered leaving						
Yes, considered	54	51	69	68	50	45
No, not considered	45	49	31	32	50	55
Not sure	*	*	—	*	—	*
Likely to Leave Within Next 5 years						
Very likely	15	12	26	21	12	9
Fairly likely	14	14	13	16	14	14
Not too likely	25	26	28	29	24	25
Not at all likely	46	47	33	33	50	52
Not sure	1	*	1	*	*	1

Table 10
TEACHERS AND JOB STRESS

	P E R C E N T A G E				
	TOTAL	L.A. COUNTY	SAN FRANCISCO	REMAINDER NORTH	REMAINDER SOUTH
Base:	502	90	76	188	148
Almost everyday	16	13	17	18	17
Several days a week	24	26	18	22	26
Less often than once a week	23	24	14	24	24
Never	3	2	1	4	4
Not sure	*	—	1	1	—
S.F. = San Francisco Bay Area *Less than 0.5%					

Table 11
**TEACHERS WHO THINK ABOUT LEAVING TEACHING,
 BY FREQUENCY OF JOB STRESS**

QUESTION: Have you ever seriously considered *leaving* teaching to go into some other occupation?

QUESTION: Within the next five years how likely is it that you will leave the teaching profession to go into some different occupation
 — very likely, fairly likely, not too likely, or not at all likely?

	FREQUENCY OF FEELING UNDER GREAT JOB STRESS							
			PERCENTAGE					
	CA. TOTAL TEACHERS	U.S. TOTAL TEACHERS	SEVERAL TIMES A WEEK OR MORE		ONCE OR TWICE A WEEK		LESS THAN ONCE A WEEK OR NEVER	
			CA.	U.S.	CA.	U.S.	CA.	U.S.
Base:	502	1846	2017	700	168	618	131	526
Ever Seriously Considered Leaving								
Yes, Considered	54	51	59	63	55	49	47	39
No, not considered	45	49	41	37	45	51	53	61
Not sure	*	*	*	*	—	*	—	—
Likely to Leave Within Next 5 Years								
Very Likely	15	12	19	16	14	11	11	9
Fairly Likely	14	14	15	18	15	13	11	11
Not too likely	25	26	23	28	30	26	22	25
Not at all likely	46	47	42	38	41	49	56	55
Not sure	1	*	1	*	*	*	—	*

Table 12
TEACHERS COMPARE TEACHING VERSUS OTHER OCCUPATIONS

Base: Current teachers who seriously considered leaving.

QUESTION: We'd like you to rate some of the aspects of teaching *compared to* (OCCUPATION MENTIONED IN Q.14). From what you know, is/are (READ EACH ITEM) better in teaching or better in (OCCUPATION MENTIONED IN Q.14)?

	PERCENTAGE							
	BETTER IN TEACHING		BETTER IN OTHER OCCUPATION		SAME, NO DIFFERENCE (VOLUNTEERED)		NOT SURE	
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.
Base: CA. 201 U.S. 714								
Aspects in which teaching is rated better or equal								
Job security	80	69	8	19	9	9	3	3
Vacation benefits	77	68	13	24	7	5	2	3
Personal satisfaction	60	65	26	23	12	8	3	4
Caliber of the colleagues you work with	46	50	28	26	17	20	9	4
Intellectual challenge	42	47	43	38	13	13	3	2
Retirement benefits	53	44	29	38	8	8	11	11
Health insurance benefits	58	40	16	35	17	17	9	9
Aspects in which other occupations are rated better								
Total number of hours worked each week	33	33	51	47	13	16	3	3
Your control over your own work	31	31	57	57	8	9	4	3
Equipment you have to work with	19	17	63	68	8	11	10	5
Professional prestige	18	18	71	74	8	6	3	3
Salary	18	12	71	81	4	5	7	3

Table 13

**TEACHERS' SATISFACTION WITH TEACHING AS CAREER,
BY TYPE OF SCHOOL AND BY SEX**

QUESTION: All in all, how satisfied would you say you are with teaching as a career — very satisfied, somewhat satisfied, somewhat dissatisfied, or very dissatisfied?

	P E R C E N T A G E					
	TYPE OF SCHOOL				SEX	
	TOTAL TEACHERS	ELEMENTARY SCHOOL	JUNIOR HIGH SCHOOL	HIGH SCHOOL	MALE	FEMALE
Base:	502	313	87	126	172	330
Very satisfied	42	46	40	31	36	44
Somewhat satisfied	36	34	37	40	38	35
Somewhat dissatisfied	19	17	19	23	23	17
Very dissatisfied	4	3	4	5	3	4
Not sure	*	—	—	1	—	*

Table 14
**TEACHERS' SATISFACTION WITH TEACHING
 AS CAREER, BY SIZE OF PLACE**

QUESTION: All in all, how satisfied would you say you are with teaching as a career — very satisfied, somewhat satisfied, somewhat dissatisfied, or very dissatisfied?

	PERCENTAGE					
	TOTAL TEACHERS	INNER CITY	OTHER URBAN	SUBURB	SMALL TOWN	RURAL
Base:	502	81	81	172	120	48
Very Satisfied	42	39	43	39	47	44
Somewhat satisfied	36	38	38	37	30	37
Somewhat dissatisfied	19	20	15	20	19	15
Very dissatisfied	4	3	4	4	3	4
Not sure	*	—	—	—	1	—

Table 15

TEACHERS WHO THINK ABOUT LEAVING TEACHING, BY DEGREE OF CAREER SATISFACTION

QUESTION: Have you ever seriously considered leaving teaching to go into some other occupation?

QUESTION: Within the next five years how likely is it that you will leave the teaching profession to go into some different occupation — very likely, fairly likely, not too likely, or not at all likely?

	PERCENTAGE							
	TOTAL TEACHERS		VERY SATISFIED		SOMEWHAT SATISFIED		DIS- SATISFIED	
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.
Base:	502	1846	206	785	178	652	117	433
Ever seriously considered leaving								
Yes, considered	54	51	34	29	60	59	84	86
No, not considered	45	49	66	71	40	40	16	14
Not sure	*	*	—	*	—	*	1	*
Likely to leave within next 5 years								
Very likely	15	12	8	7	13	10	32	28
Fairly likely	14	14	7	6	18	17	20	28
Not too likely	25	26	17	20	33	35	26	27
Not at all likely	46	47	66	67	36	38	22	18
Not sure	1	*	1	1	—	*	1	*

*Less than 0.5%

Table 16
WHAT MAKES TEACHERS STAY IN TEACHING

QUESTION: What were the main things that made you decide to *stay* in teaching?
 Anything else?

	CURRENT TEACHERS WHO SERIOUSLY CONSIDERED LEAVING	
	P E R C E N T A G E	
	CALIFORNIA	U.S.
Base:	277	985
Job Satisfaction (net total)	79	74
Relationship with students	47	40
Love to teach	36	27
Satisfaction in seeing students grow, progress	28	23
Job fulfillment	12	12
Feel capable as teacher	9	6
Relationship with colleagues	7	6
Like to give, help	5	5
It's my career/what I was trained for	3	4
It's a challenge	3	3
All other satisfaction – related	1	1
Job Benefits (net total)	48	43
Summers off, good vacation	24	19
Good hours	10	9
Job security	5	7

Table 16 (continued)
WHAT MAKES TEACHERS STAY IN TEACHING

	CURRENT TEACHERS WHO SERIOUSLY CONSIDERED LEAVING	
	P E R C E N T A G E	
	CALIFORNIA	U.S.
Improved working conditions recently	7	7
Retirement benefits	6	5
The money, the income	7	5
Received increase in salary recently	3	2
All other benefits — related	6	5
Lack of Other Opportunities (net total)	8	12
Lack of other options, training	7	10
Few job opportunities in my area	1	2
My Age/My Years Invested (net total)	10	9
Many years invested	5	7
Too old to start new career	3	3
Miscellaneous		
Family responsibilities	4	4
It is close to home	4	10
All other reasons mentioned	4	10

Note: Figures add to more than 100% because teachers were free to offer more than one reason in answer to the open-ended questions. "Net" figures show the total giving at least one answer within a major grouping of answers.

Table 17
THE OCCUPATIONS THAT ATTRACT TEACHERS

Base: Current teachers who seriously considered leaving for some specific new occupation.

QUESTION: The most recent time you considered going into a different occupation, what occupation was that?

	PERCENTAGE					
	TOTAL		MEN		WOMEN	
	CA.	U.S.	CA.	U.S.	CA.	U.S.
Base:	277	782	105	338	172	444
Executive, Managerial, Administrative (total)	15	15	16	16	15	15
Personnel, labor relations	4	3	2	2	4	5
Education-related administration	1	1	1	1	*	1
Manager, administrator	4	5	6	8	4	3
Accountant, auditor	3	1	1	*	3	2
All other executive, managerial	4	4	6	5	4	4
Professional Specialties (total)	31	37	30	27	33	44
Engineer	3	2	6	4	1	1
Mathematician and computer scientist	1	2	2	2	1	2
Natural scientist	1	2	1	3	1	1
Health occupation	1	4	—	3	2	5
Teacher at some other level	1	2	1	*	1	4
Counselor	5	6	3	2	6	8

Table 17 (continued)
THE OCCUPATIONS THAT ATTRACT TEACHERS

	PERCENTAGE					
	TOTAL		MEN		WOMEN	
	CA.	U.S.	CA.	U.S.	CA.	U.S.
Librarian	*	1	—	*	1	1
Psychologist, social scientist	4	2	4	1	5	3
Social worker, recreation worker, religious worker	2	2	3	*	2	3
Lawyer	2	2	2	1	2	3
Author	—	1	—	*	—	2
Designer	1	1	1	*	1	2
Painter, artist, sculptor	1	2	—	2	1	1
Performer, performing artist	2	2	1	1	2	2
Editor, reporter	3	2	4	2	3	2
Public relations	2	2	2	1	2	3
All other professions	2	3	2	4	2	2
Technical Occupations (total)	8	11	10	12	7	10
Science technician	2	1	1	2	2	1
Computer programmer	5	7	8	3	3	1
All other technical	1	2	1	3	2	1
Sales Occupations (total)	18	24	22	29	15	20
Sales supervisor or owner	4	4	3	3	5	5
Insurance	1	2	3	5	1	1

Table 17 (continued)

THE OCCUPATIONS THAT ATTRACT TEACHERS

	PERCENTAGE					
	TOTAL		MEN		WOMEN	
	CA.	U.S.	CA.	U.S.	CA.	U.S.
Real estate	5	6	7	5	3	6
Securities	1	1	2	1	1	1
Commodities	1	2	—	2	1	2
Business in general	2	2	3	2	2	2
All other sales occupations	3	6	5	10	3	2
Administrative Support and Clerical (total)	5	7	4	6	6	9
Ticket or reservation agent	2	1	1	1	3	2
Mail clerk, postal clerk	—	2	—	2	—	1
Secretary	1	1	—	—	2	2
All other support positions	2	3	3	3	2	3
Service Occupations	2	1	3	1	1	1
Farming, Forestry, Fishing	1	2	2	4	—	1
Precision Production, Craft, Repair	1	2	3	4	—	1
Operator, Fabricator, Laborer	*	1	—	1	1	1

ATTRACTING GOOD PEOPLE INTO TEACHING

Teachers are clear about what steps they think must be taken to attract good people into teaching. Establishing differentiated pay according to qualifications and experience and increasing opportunities for collegial interaction are among the possible reforms most favored by teachers. Those reforms which receive the lowest ratings from teachers are merit pay and allowing districts to hire non-certified people to teach.

- Nearly nine in ten California teachers (87%) believe it would help a lot if salaries of beginning teachers were made comparable to starting salaries of people in other professions requiring similar training.
- Nearly three-quarters of teachers (72%) say it would help a lot if time spent on non-teaching were reduced. The PACE survey found that more than one-third of teachers (38%) spend eleven-hours-plus each week doing clerical work and recordkeeping unrelated to actual classroom activities.
- Nearly two-thirds of teachers (64%) believe it would help a lot if teachers were paid according to qualifications, like education, experience and training.
- More than half of California teachers (58%) believe it would help a lot if districts provided advanced study sabbaticals for teachers to enhance their professional development.

PREPARING FUTURE TEACHERS

Teachers are specific about what it will take to ensure that the next generation of teachers is of the highest quality. Half or more of the teachers surveyed believe that upgrading accreditation standards for colleges and universities, increasing admission standards for students in teacher training programs and placing added emphasis for students in teacher training programs on teaching skills rather than subject skills are all reforms that would go a long way toward improving teacher education programs.

- Nearly all teachers (95%) say it would help a lot or help a little to increase accreditation standards for college and university teacher training programs.
- More than nine out of ten teachers (92%) believe it would help a lot or help a little to upgrade admission standards for entrance into teacher training programs.
- Nine in ten teachers (90%) say that, during the teacher training period, it would help a lot or help a little to place emphasis on teaching skills rather than on subject skills.
- Other reform recommendations which received an approval rating of greater than 75% of teachers say it would help a lot or help a little include: enabling school districts to establish more aggressive recruiting policies; making schools responsible for training new teachers after formal education is completed and requiring teachers to serve an internship prior to certification.

Table 18

**TEACHERS RATE POSSIBLE STEPS TO ATTRACT
GOOD TEACHERS**

QUESTION: I will now mention some reforms that might be adopted to attract good people into teaching. For each please tell me whether you think that that reform would help a lot, help a little, or would not help at all to attract good teachers.

Base: CA. 502 U.S. 1846	PERCENTAGE							
	HELP A LOT		HELP A LITTLE		WOULD NOT HELP AT ALL		NOT SURE	
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.
Steps Thought to "Help a Lot" by Half or More								
Providing compensation to beginning teachers comparable to other professions that require similar training	87	79	11	19	2	1	1	1
Reducing the amount of time teachers spend in non-teaching duties	72	74	25	23	2	3	1	*
Paying teachers partly according to their <i>qualifications</i> , such as education, training, and experience	64	65	31	31	5	4	1	1
Providing advanced study sabbaticals for teachers to enhance their professional development	58	58	39	39	3	2	—	*
Providing time for teachers to discuss their needs and problems with other teachers	50	50	43	43	7	7	*	*
Steps Thought to "Help a Lot" by Fewer Than Half								
Establishing minimum national standards for certifying all new teachers	32	35	45	44	22	21	1	1
Requiring new teachers before certification to pass rigorous examinations comparable to other licensed professionals	33	34	44	44	22	21	1	1

Table 18 (continued)

TEACHERS RATE POSSIBLE STEPS TO ATTRACT GOOD TEACHERS

	PERCENTAGE							
	HELP A LOT		HELP A LITTLE		WOULD NOT HELP AT ALL		NOT SURE	
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.
Paying teachers partly according to the <i>specific jobs</i> they hold, such as apprentice teacher or master teacher	28	34	52	45	20	19	1	2
Offering teachers a 12-month contract with pay and duties for the full year	33	24	34	38	31	36	2	1
Allowing school districts to hire talented people who are not certified teachers	18	12	43	43	38	43	2	2
Paying teachers partly according to their performance on <i>evaluation</i> or <i>tests</i> , sometimes called "merit pay"	14	13	37	36	48	50	1	1

Table 19

TEACHERS RATE POSSIBLE STEPS TO PRODUCE GOOD TEACHERS

QUESTION: I will now mention some reforms that might be adopted to produce high quality teachers in the future. For each, please tell me whether you think that that reform would help a lot, help a little, or would not help at all to produce high quality teachers.

Base: CA. 502 U.S. 1846	PERCENTAGE							
	HELP A LOT		HELP A LITTLE		WOULD NOT HELP AT ALL		NOT SURE	
	CA.	U.S.	CA.	U.S.	CA.	U.S.	CA.	U.S.
Steps Thought to "Help a Lot" by Half or More								
Upgrading accreditation standards for teacher training programs at college	71	72	24	25	5	3	*	1
Upgrading admission standards for students entering teacher training programs at college	60	65	32	29	7	6	1	*
Requiring new teachers to serve a supervised apprenticeship or internship before being certified	63	62	30	30	6	8	*	*
Placing more emphasis on teaching skills, rather than subject skills during teacher training	55	50	35	36	8	12	1	1
Steps Thought to "Help a Lot" by Fewer Than Half								
Enabling local school officials to recruit new teachers more aggressively at college	45	36	42	47	12	15	1	1
Making the school district responsible for training new teachers after they finish their formal education	39	36	38	40	22	23	1	1
Placing more emphasis on subject skills, rather than teaching skills during teacher training	20	29	44	45	35	25	1	1
Requiring all teachers to earn a bachelor's degree in an academic subject <i>plus</i> a master's degree in education	25	28	40	41	35	30	—	*

TEACHERS VIEW THE PRESENT WAVE OF REFORM

California has been in the forefront of the education reform movement. Nearly three years ago, the California legislature enacted the Hughes-Hart Education Reform Act, commonly known as SB 813. That single piece of legislation set in motion 84 separate education reforms.

Teachers' survey responses indicate that teachers are aware that reforms were signed into law and changes implemented. Yet, teachers do not give high marks to the benefits achieved by these reforms, nor do they believe their professional opinions were adequately sought in the development of reform policies.

IMPACT AND EFFECT OF REFORMS

- Nearly nine out of ten California teachers (87%) know that California has enacted educational reforms. More than eight in ten teachers (82%) are aware that their own school districts have implemented reforms.
- More than half of California teachers (55%) believe education reforms have had little impact on students. Nationally, 44% held a similar view.
- More than four in ten California teachers (42%) see little effect on teachers from educational reforms. Less than a third of teachers (32%) indicate positive effects from reform.
- Most teachers say they have not personally benefited from compensation reforms. Fewer than one in three teachers (29%) report benefiting from career ladders or merit pay; slightly more than one in ten teachers (13%) report benefiting from salary increases for beginning teachers; just 5 percent of teachers say they have benefited from increased pay for teachers in shortage areas, such as math and science.
- More than nine in ten teachers (91%) indicate they have been the beneficiaries of across-the-board salary increases.
NOTE: This fact may be attributable more to the reality that salary increases are negotiated between teachers' unions and school district management than to benefits received from legislative reform.

VIEWS REFLECTED IN REFORMS

- Seven in ten California teachers (70%) report that their views were not sought in any way when policy reforms were being developed. More than six in ten teachers (61%) say none of their teaching colleagues participated in developing reform proposals.
- Slightly more than half of all California teachers (57%) do not believe the reforms that have been enacted reflect teachers' views. By contrast, nearly seven out of ten teachers (69%) say reforms do reflect the views of school administrators.

SOME RESULTS OF THE PACE SURVEY

The PACE California Teacher Survey provides additional data on teachers' assessment of reform efforts:

- Nearly seven in ten teachers (69%) agree that teachers in fields of shortage should not be paid more than other teachers.
- Eight out of ten teachers (81%) believe career ladders would be of benefit.
- Teachers are divided on the issue of merit pay. Nearly four in ten teachers (37%) do not think merit pay is a good idea. Yet, 44% of teachers agree with the statement, "Teachers' salaries should be related in part to their effectiveness."
- By a 77-23% margin, California teachers believe their incoming colleagues should be tested in basic reading, writing, and mathematics. California has now instituted CBEST, the California Basic Educational Skills Test, as a requirement for teacher credentialing. CBEST is a basic skills test, which many policymakers view as the precursor to a subject matter test.
- Nearly six in ten teachers (57%) believe teachers should take a professional exam (like the bar exam or medical boards) prior to receiving credentials.

IMPROVING RELATIONSHIPS

Schools are held together by a delicate network of relationships. Teachers report that they would like to see some of these bonds strengthened, particularly connections with colleges and with business.

RELATIONS WITH COLLEGES AND UNIVERSITIES

- Teachers are nearly unanimous (99%) in their belief that colleges should offer advanced courses to teachers in their subject area specialties.
- Nearly all teachers (96%) say colleges should make courses available to especially bright high school students.
- Better than nine out of ten teachers (94%) believe that colleges should offer teachers inservice training seminars.
- More than eight out of ten teachers (85%) favor a cooperative internship program between colleges and public schools for liberal arts graduates.

RELATIONS WITH BUSINESS

- Nearly all teachers (97%) agree that business should organize campaigns to build support for public schools.
- By a 95-5% margin, teachers believe businesses should provide assistance to the schools in the form of equipment, curriculum and teacher training.
- Three proposals for improved business relationships met with a 92% favorable rating by teachers: (1) internships for teachers in business and industry; (2) business-school partnerships along the model of adopt-a-school programs; (3) businesses building legislative support for schools.

SCHOOL RELATIONS: SOME RESULTS FROM THE PACE SURVEY

The PACE survey probed the area of school relationships. PACE results indicate that (1) teachers favor a more cooperative relationship with administrators, based on shared decisionmaking authority; and (2) teachers show a strong desire for greater collegial interaction.

- Nearly all teachers (99%) believe teachers and administrators should work together to establish student discipline policies.

Just 42% of teachers report they are involved in developing these policies.

- Teachers agree nearly unanimously (99%) that principals should provide support and assistance when problems arise with students or parents. Slightly more than half of teachers (58%) report the administration offers such support.
- More than eight out of ten teachers (85%) believe teachers and administrators should jointly set student routines, like bell schedules. Just over one-quarter of teachers (26%) report they participate in establishing school routines.
- As previously indicated in Chapter 4 there is nearly universal concensus among teachers that there must be greater opportunities for collegial interaction. Teachers report being frustrated by their inability to find time during the workday to consult with teaching colleagues about professional matters.

Table 20

TEACHERS WHO HAVE WITNESSED EDUCATIONAL REFORMS

QUESTION: During the past several years, there have been many proposals for educational reform such as the ones I have been asking about. Has your state enacted any educational reforms?

QUESTION: Have any of these reforms actually been implemented yet in the school district in which you teach?

	P E R C E N T A G E		
	TOTAL	THOSE WORKING IN THE 23 STATES THAT HAVE ADOPTED COMPENSATION REFORMS	CALIFORNIA
Base:	1846	956	502
Enactment of Reforms			
Yes, enacted	63	73	87
No, not enacted	34	25	11
Not sure	3	2	2
Implementation of Reforms			
Yes, implemented	49	60	82
No, not implemented	14	12	6
Not sure	1	1	*
(Not enacted)	(37)	(27)	(13)

Note: the 23 states that had adopted teacher compensation reforms as of early 1985 include: Arizona, Arkansas, California, Colorado, Florida, Georgia, Idaho, Illinois, Kansas, Louisiana, Maine, Maryland, Missouri, Nebraska, New Hampshire, North Carolina, South Carolina, Tennessee, Texas, Utah, Virginia, West Virginia, Wisconsin. The compensation reforms include one or more of the following: merit pay, career ladders, across-the-board increases in starting salary for beginning teachers, across-the-board increases in salary for all teachers. Some of these states have not yet funded and implemented these programs.

Table 21
TEACHERS EVALUATE THE EFFECTS OF REFORM

Base: Current teachers reporting implementation of reforms in their district

QUESTION: On the whole, would you say the educational reforms in your school district have had a positive effect, negative effect, or not much effect on *Students*?

QUESTION: Would you say the educational reforms in your school district have had a positive effect, negative effect, or not much effect on *teachers*?

CURRENT TEACHERS REPORTING IMPLEMENTATION OF REFORMS IN THEIR DISTRICT				
	P E R C E N T A G E			
	CA. TOTAL	U.S. TOTAL	Those Working in the 23 States that Have Adopted Compensation reforms	Those Working in the States that Have Not Adopted Compensation reforms
Base:	412	1023	665	358
Effect on Students				
Positive Effect	36	42	36	54
Negative Effect	7	12	16	5
Not Much Effect	55	44	46	39
Not Sure	2	1	2	1
Effect on Teachers				
Positive Effect	32	36	30	48
Negative Effect	26	34	43	18
Not much Effect	42	28	26	33
Not Sure	1	2	2	1

Table 22

WHETHER REFORMS REFLECT TEACHERS' INPUT AND VIEWS

Base: Current Teachers Reporting Enactment of Reforms in Their State

QUESTION: During the consideration of the reforms, were your own views sought in any way?

QUESTION: Did you, or did any teaching colleague you know, actually participate in the formulation of any reform proposals?

QUESTION: Overall, do the reforms that were enacted reflect the views of you and your teaching colleagues, or not?

QUESTION: Overall, do the reforms that were enacted reflect the views of administrators in your district, or not?

	P E R C E N T A G E	
	CALIFORNIA TOTAL	U.S. TOTAL
Base	440	1275
Views Sought		
Yes, views were sought	29%	37%
No, views were not sought	70	63
Not sure	1	*
Participation		
Yes, participated	39	42
No, did not participate	61	58
Not sure	*	1
Views Reflected		
Do reflect	39	43
Do not reflect	51	49
Depends (volunteered)	9	7
Not sure	1	1
Administrators' Views Reflected		
Do reflect	69	64
Do not reflect	17	24
Depends (volunteered)	3	5
Not sure	10	8

Table 23

TEACHERS WHO HAVE BENEFITED FROM COMPENSATION REFORMS

QUESTION: Here are some reforms that can affect the amount of compensation paid to individual teachers. For each, please tell me whether you personally have benefited from it, or not during the past two years?

	PERCENT SAYING THEY HAVE PERSONALLY BENEFITED				
	P E R C E N T A G E				
	CA. TOTAL TEACHERS	U.S. TOTAL TEACHERS	CA. BEGINNING TEACHERS	U.S. BEGINNING TEACHERS	Those Working in the 23 States That Have Adopted Compensation Reforms
Base: CA. 502 U.S. 1846					
Across-the-board salary increases for <i>all</i> teachers	91	87	64	77	91
Salary increases for beginning teachers	13	22	49	43	23
A program where teachers' salaries are based partly on plans such as career ladders, job differentiation, merit or performance	29	19	30	18	24
Increased pay for teachers who teach in shortage areas such as science, math, and special education	5	4	18	6	4

Table 24

TEACHERS EVALUATE THE RELATION OF BUSINESS AND OF COLLEGES TO THE SCHOOLS

QUESTION: Now I am going to read you some suggestions for improving relations between schools and other institutions. Based on your experience at your school, and regardless of whether or not your school already has such a program, please tell me whether you think each suggestion would have a strongly positive effect, a somewhat positive effect, a somewhat negative effect or a strongly negative effect on education in general.

	PERCENTAGE					
	STRONGLY POSITIVE EFFECT	SOME- WHAT POSITIVE EFFECT	SOME- WHAT NEGATIVE EFFECT	STRONGLY NEGATIVE EFFECT	NO EFFECT AT ALL (VOLUN- TEERED)	NOT SURE
Base: 502						
Business Relations						
Businesses organizing information campaigns to build public support for the schools	66	31	2	1	*	*
Businesses providing assistance for equipment, curriculum, and teacher training	62	33	4	1	*	*
Businesses organizing campaigns to build legislative support for the schools	60	32	5	1	1	1
Business and school partnerships, such as "adopt-a-school" programs	48	44	4	1	*	3
Businesses providing to teachers experience in business and industry	37	55	5	1	1	2
College Relations						
Colleges offering advanced courses to teachers in their own subject specialties	65	34	1	—	*	1
Colleges opening certain courses to particularly bright high school students	61	35	2	*	1	*
Colleges sponsoring seminars for teachers' in-service training	53	41	5	1	1	*
Colleges placing liberal arts undergraduates in internships in the public schools	37	48	10	2	1	2

IS CALIFORNIA DIFFERENT?

In-depth analysis of the California survey produces two surprises. First, teachers tend to hold similar opinions across all regions of the state. Second, generally, California and national opinions are identical. These findings appear especially striking given the following circumstances.

From isolated villages near the Oregon border to densely populated barrios of Los Angeles, California contains remarkable diversity. California's 1,076 school districts differ widely by size, wealth, and ethnicity. One district alone contains 550,000 students, over half of whom are minorities. Yet, several hundred other districts enroll fewer than 200 students.

Student characteristics vary dramatically between districts. Urban districts enroll large numbers of immigrants, usually with limited English skills. In contrast, California contains suburban districts whose students come from upper middle class families. Nevertheless, the opinions of *teachers* are similar in all these districts.

When asked, "All in all, how satisfied would you say you are with teaching as a career?" 39 percent of inner city teachers were very satisfied, compared with 39 percent of suburban teachers and 44 percent of rural teachers. On the same question, 47 percent of Los Angeles County teachers were very satisfied, as were 39 percent of Bay Area teachers, and 41 percent of other Northern California teachers.

Teachers agreed on their attitudes toward educational reforms. When asked, "Would you say the educational reforms in your school district have had a positive effect, negative effect, or not much effect on teachers?" 34 percent of Los Angeles County teachers reported positive effects. In the Bay Area, 37 percent of teachers indicated positive effects. In the rest of Northern California, 34 percent stated positive effects.

California teachers uniformly experience stress on the job. There are slight differences by region in the frequency with which stress is experienced. Thirteen percent of Los Angeles county teachers report feeling stressed everyday as a result of their teaching duties, compared to 17% of San Francisco Bay area teachers.

Teachers who report experiencing stress several days a week or more varies from a "low" of 35% in San Francisco to 43% for teachers throughout Southern California. Eighty-two percent of teachers in San Francisco report experiencing job related stress at least once a week, compared to 73% for their colleagues in Los Angeles, 71% for all other Northern California teachers and 71% for all other Southern California teachers.

On the probability of staying in the profession, 31 percent of teachers in Los Angeles County answered very likely or fairly likely to the question, "Within the next five years, how likely is it that you will leave the teaching profession to some different occupation?" In the Bay Area, 36 percent responded similarly. In the remainder of Northern California, 26 percent indicated that they would leave the profession.

It has been said that California is a trend setter among states, especially in social change, fashion, political reform and economic progress. Indeed, public education in California is not typical of the rest of the nation. California often ranks at the extremes in state-by-state comparisons:

- largest class sizes
- next to lowest in the proportion of personal income spent on education
- second highest in teacher salaries.

Furthermore, over the past twenty years, California education has been characterized by more intense reform activities than typical in most states. Prominent among these have been the Serrano Priest finance equalization decisions, Senate Bills 90 and 813 which produced significant reforms and proposition 13 which shifted responsibility for school funding to the state. Each of these measures has required massive adjustments by teachers, administrators and school board members. Yet, the view of California teachers continues to coincide with those of their colleagues around the country.

In summary, California teachers' opinions vary little by geographic region or by community type. In fact, observable differences where they exist, are greater within geographic regions than between regions. What explanation may be offered for this California commonality? Education policy analysts point to the shift of California policymaking from local school districts to the state capitol in Sacramento. Proposition 13 spurred this movement by creating *de facto* full state funding. The reforms of Senate Bill 813 have centralized curriculum authority and standardized school performance measures. Survey results indicate that one outcome of this centralization has been uniformity of teacher working conditions and compensation.

California teachers' attitudes and opinions are also remarkably concurrent with the attitudes and opinions of teachers throughout the country. The unique demographics of the state and the legislative changes which in the last few years, have dramatically changed the way California schools are financed and have initiated reforms more common than in the rest of the United States. Why would California teachers' views mirror those of teachers several thousand miles away who work with different school populations and teach under different circumstances? Perhaps the most compelling conclusion that can be drawn is that the act of being a teacher has a binding force all its own. Whether they teach in California's rural farm country, in suburban San Mateo County, in the big cities of Los Angeles or San Francisco — or for that matter, in Cleveland or New York — teachers share similar concerns and expectations about the profession they have chosen.

APPENDIX A

APPENDIX A:

SURVEY METHODOLOGY

1985 Metropolitan Life Survey of The California Teacher, Conducted by Louis Harris and Associates, Inc.

The 1985 Metropolitan Life Survey of The California Teacher was conducted by Louis Harris and Associates for Metropolitan Life Insurance Company from April 25 through June 8, 1985. A total of 502 telephone interviews were conducted with current public school teachers in kindergarten through grade 12 throughout the state of California. These interviews were conducted as part of the larger nationwide Metropolitan Life Survey of the American Teacher.

Louis Harris and Associates drew a random sample of current teachers from a list of 1.2 million teachers nationwide, compiled by Market Data Retrieval of Westport, Connecticut. While not a list of every teacher, it includes the vast majority, is updated annually, and has proven very representative in past surveys.

Each selected current teacher was contacted at his or her school by a representative of Louis Harris and Associates and requested to participate in the survey. When we could not reach a teacher directly, we left a message (including a toll-free number) to allow a return call.

Before being asked to complete the actual interview, each teacher was screened to ensure that he or she currently teaches in an elementary or secondary level public school and teaches at least part-time in the classroom. Once the respondent passed the screen, an appointment was made to telephone at a convenient time and place to complete the interview.

All completed questionnaires were edited, coded, keypunched, and verified. The data were tabulated, checked for internal consistency, and processed by computer. The output of this process is a series of computer tables showing the results for each survey question, both by the total number of respondents in-

terviewed and by important subgroupings. Separate sets of tables were prepared for all U.S. teachers and for California teachers. The national data were then analyzed by Louis Harris and Associates while the California data were analyzed by PACE, Policy Analysis for California Education.

In the nationwide tabulations, the 502 California teachers were weighted down to their proper proportion of the nation's teaching force. For the separate California tabulations, teachers were divided into four strata and weighted to the proper proportion of each stratum relative to the total statewide teaching force in California. The four strata were: Los Angeles County, the rest of Southern California, San Francisco Bay Area, the rest of Northern California.

The results from any sample survey are subject to sampling variation. The magnitude of this variation is measurable and is affected both by the number of interviews involved and by the level of the percentages expressed in the results. For results based on all 502 California interviews, the sampling variation that needs to be allowed is typically \pm 4 percentage points. When results from California are compared to results based on the entire nationwide sample, differences typically need to be at least 5 percentage points in order to be statistically significant.

Further details concerning methodology, response rate, and sampling variation are contained in the Appendix to the national report on The 1985 Metropolitan Life Survey of The American Teacher.

Table A-1
FACTS ABOUT EDUCATION: THE UNITED STATES

	PERCENT CHANGE 1972-73 TO 1982-83	1982-83	1983-84	1984-85	PERCENT CHANGE	
					1982-83 TO 1983-84	1983-84 TO 1984-85
Public Elementary School Enrollment	-11.1	23,671,666	23,443,766	23,770,897	-0.9	1.3
Public Secondary School Enrollment	-17.9	16,027,167	15,780,075	15,602,579	-1.5	-1.1
Public Elementary and Secondary Enrollment	-14.0	39,698,833	39,223,841	39,373,476	-1.1	0.3
Numbers of Public Elementary Teachers	3.0	1,179,282	1,171,053	1,184,337	-0.6	1.1
Numbers of Public Secondary School Teachers	-0.4	956,229	946,004	961,205	-1.0	1.6
Numbers of Public Elementary and Secondary Teachers	1.4	2,135,511	2,117,057	2,145,542	-0.8	1.3
Elementary Teachers' Salaries	102.9	20,205	21,452	23,092	6.1	7.6
Secondary Teachers' Salaries	101.0	21,380	22,667	24,276	6.0	7.0
Total Teachers' Salaries	102.0	20,715	22,019	23,546	6.2	6.9
Per Pupil Expenditures (in ADA)	181.8	2,944	3,173	3,429	7.7	8.0
Total Current Expenditures (in thousands)	126.3	119,093,398	126,883,778	138,117,496	6.5	8.8
Total Revenue Receipts (in thousands)	121.8	120,432,748	127,597,582	137,572,617	5.9	7.8
	CHANGE IN PERCENT 1972-73 TO 1982-83		PERCENT SHARE			
			1982-83	1983-84	1984-85	
Federal Revenue Receipts	-0.5		7.4	6.4	6.2	
State Revenue Receipts	9.7		50.3	49.0	49.0	
Local and Other Revenue Receipts	-9.2		42.3	44.5	44.8	

Source: C. Emily Feistritzer, *The Condition of Teaching. A State By State Analysis, 1985*. The Carnegie Foundation for the Advancement of Teaching, Princeton, 1985.

Table A-1 (continued)

FACTS ABOUT EDUCATION: THE UNITED STATES

	PERCENT CHANGE 1972 TO 1982	1982	1983	1984	PERCENT CHANGE	
					1982 TO 1983	1983 TO 1984
Total Personal Income (in millions)	170.9	2,571,517	2,734,464	3,000,827	6.3	9.7
Per Capital Income	144.9	11,100	11,687	12,707	5.2	8.7
Population (in thousands)	10.6	231,786	233,975	236,158	0.9	0.9
Population Under Age 5	2.3	17,372,000	17,826,000	17,816,000	2.6	0.0
	SCORE CHANGE 1972 TO 1982	AVERAGE SCORE			PERCENT CHANGE	
		1982	1983	1984	1982 TO 1983	1983 TO 1984
SAT Verbal Scores	-27.0	426	425	426	-0.2	0.2
SAT Math Scores	-17.0	467	468	471	0.2	0.6
	SCORE CHANGE 1978 TO 1982	AVERAGE SCORE			PERCENT CHANGE	
		1982	1983	1984	1982 TO 1983	1983 TO 1984
SAT Verbal Scores of Intended Education Majors	-2.0	394	394	398	0.0	1.0
SAT Math Scores of Intended Education Majors	-3.0	419	418	425	-0.2	1.6
	CHANGE IN PERCENT 1972 TO 1981		PERCENT MINORITY ENROLLMENT			
			1972	1976	1981	
Percentage of Minority Enrollment	5.0		21.7	24.0	26.7	
	CHANGE IN PERCENT 1965 TO 1980		PERCENT OF ALL STUDENTS ENROLLED IN PRIVATE SCHOOLS			
			1965	1970	1980	
Percentage of Private School Enrollment	-2.2		13.0	11.9	10.8	
	CHANGE IN PERCENT 1971 TO 1983		1971-72	1980-81	1983-84	
			77.8	71.9	73.9	
Graduation Rates	-3.9					
	CHANGE IN PERCENT 1980 TO 1985		PERCENT UNEMPLOYED			
			1980	1984	1985	
Unemployment Rates	0.9		6.6	8.1	7.5	

Source: C. Emily Feistritzer, *The Condition of Teaching, A State By State Analysis, 1985*. The Carnegie Foundation for the Advancement of Teaching, Princeton, 1985.

Table A-2
HIGH SCHOOL DROPOUT RATE BY STATE FOR 1984

RANK	STATE	DROPOUT RATE ADJUSTED FOR MIGRATION AND UNCLASSIFIED STUDENTS
1	Louisiana	43.3
2	Alabama	37.9
3	New York	37.8
3	Florida	37.8
5	Mississippi	37.6
6	Georgia	36.9
7	California	36.8
8	South Carolina	35.5
9	Arizona	35.4
9	Texas	35.4
11	Nevada	33.5
12	Kentucky	31.6
13	Rhode Island	31.3
14	North Carolina	30.7
15	Tennessee	29.5
—	U.S. Average	29.1
16	New Mexico	29.0
17	Delaware	28.9
18	Michigan	27.8
19	Oklahoma	26.9
19	West Virginia	26.9
21	Hawaii	26.8
22	Oregon	26.1
23	Massachusetts	25.7
24	Illinois	25.5
25	Alaska	25.3
25	Virginia	25.3

(continued)

Source: The U.S. Department of Education, Office of Planning, Budget and Evaluation, Planning and Evaluation Service, February 1986.

Table A-2 (continued)

HIGH SCHOOL DROPOUT RATE BY STATE FOR 1984

RANK	STATE	DROPOUT RATE ADJUSTED FOR MIGRATION AND UNCLASSIFIED STUDENTS
27	Washington	24.9
28	Arkansas	24.8
28	New Hampshire	24.8
30	Colorado	24.6
31	Idaho	24.2
32	Wyoming	24.0
33	Missouri	23.8
34	Indiana	23.0
35	Maine	22.8
35	Pennsylvania	22.8
37	New Jersey	22.3
38	Maryland	22.2
39	Utah	21.3
40	Connecticut	20.9
41	Ohio	20.0
42	Kansas	18.3
43	Montana	17.9
44	Vermont	16.9
45	Wisconsin	15.5
46	South Dakota	14.5
47	Iowa	14.0
48	Nebraska	13.7
48	North Dakota	13.7
50	Minnesota	10.7

Source: The U.S. Department of Education, Office of Planning, Budget and Evaluation, Planning and Evaluation Service, February 1986.

Table A - 3
FACTS ABOUT EDUCATION: CALIFORNIA

	PERCENT CHANGE 1972-73 TO 1982-83			
		1982-83	1983-84	1984-85
Public Elementary School Enrollment	– 1.2	2,801,818	2,835,050	2,855,780
Public Secondary School Enrollment	– 29.0	1,263,668	1,252,936	1,294,650
Public Elementary and Secondary Enrollment	– 12.0	4,065,486	4,087,986	4,150,340
Numbers of Public Elementary Teachers	– 7.6	108,756	108,496	107,040
Numbers of Public Secondary School Teachers	– 11.5	64,514	61,939	68,095
Numbers of Public Elementary and Secondary Teachers	– 9.1	173,270	170,435	175,135
Elementary Teachers' Salaries	99.2	23,465	25,492	26,170
Secondary Teachers' Salaries	93.4	25,331	27,232	27,890
Total Teachers' Salaries	95.1	24,035	26,403	26,300
Per Pupil Expenditures (in ADA)	137.1	2,735	2,912	3,291
Total Current Expenditures (in thousands)	64.5	12,180,000	13,070,000	14,787,179
Total Revenue Receipts (in thousands)	54.9	12,050,000	12,835,080	14,815,175

Source: C. Emily Feistritzer, *The Condition of Teaching, A State By State Analysis*. The Carnegie Foundation for the Advancement of Teaching, Princeton, 1985.

Table A - 3 (continued)
FACTS ABOUT EDUCATION: CALIFORNIA

	PERCENT CHANGE		STATE'S RANK IN PERCENT CHANGE		STATE'S RANK		
	1982-1983 TO 1983-84	1983-84 TO 1984-85	1982-83 TO 1983-84	1983-84 TO 1984-85			
	1982	1983	1984				
Public Elementary School Enrollment	1.1	0.7	4	21	1	1	1
Public Secondary School Enrollment	-0.8	3.3	25	7	3	3	3
Public Elementary and Secondary Enrollment	0.5	1.5	4	11	1	1	1
Numbers of Public Elementary Teachers	-0.2	-1.3	21	42	1	1	1
Numbers of Public Secondary School Teachers	-4.0	10.0	47	2	3	3	3
Numbers of Public Elementary and Secondary Teachers	-1.6	2.7	39	10	1	2	1
Elementary Teachers' Salaries	8.6	2.6	9	45	7	6	7
Secondary Teachers' Salaries	7.5	2.4	12	46	5	5	6
Total Teachers' Salaries	9.8	-0.3	6	48	6	5	7
Per Pupil Expenditures in ADA	6.4	13.0	34	6	31	31	26
Total Current Expenditures (in thousands)	7.3	13.1	19	3	1	1	1
Total Revenue Receipts (in thousands)	6.5	15.4	23	3	1	1	1

Source: C. Emily Feistritzer, *The Condition of Teaching. A State By State Analysis*. The Carnegie Foundation for the Advancement of Teaching, Princeton, 1985.

Table A-4
**ENROLLMENT IN CALIFORNIA PUBLIC SCHOOLS,
 1982-83 THROUGH 1984-85**

LEVEL	ENROLLMENT			PERCENT INCREASE (OR DECREASE)	
	1982-83	1983-84	1984-85	BETWEEN 1982-83 AND 1983-84	BETWEEN 1983-84 AND 1984-85
State Total	4,065,486	4,089,017	4,065,486	0.6	1.5
K	313,584	319,328	336,766	1.8	5.5
1	308,359	322,144	330,089	4.5	2.5
2	292,515	300,621	315,807	2.8	5.1
3	288,150	293,402	303,547	1.8	3.5
4	282,776	290,277	298,081	2.6	2.7
5	291,642	285,894	294,265	(1.9)	2.9
6	313,067	294,405	290,546	(5.9)	(1.3)
7	334,426	324,883	306,763	(2.8)	(5.6)
8	323,194	333,082	324,432	3.0	(2.6)
Other elementary	54,105	49,488	45,666	(8.5)	(7.7)
Subtotal Elementary	2,801,818	2,813,524	2,845,962	0.4	1.2
9	331,791	346,363	364,166	4.4	5.1
10	330,936	335,492	352,756	1.4	5.1
11	303,598	301,223	307,314	(0.8)	2.0
12	270,700	266,889	254,211	(1.4)	(4.8)
Other secondary	26,643	25,526	26,701	(4.2)	4.6
Subtotal Secondary	1,263,668	1,275,493	1,305,148	0.9	2.3

Source: California State Department of Education, *Enrollment Data California Elementary and Secondary Public Schools 1984-85*. (Sacramento: California State Department of Education, 1985).

Table A - 5

**CALIFORNIA TEACHER SHORTAGE AS A RATIO TO CURRENT
TEACHERS IN SELECTED SUBJECT AREAS AT SECONDARY
LEVEL (GRADES 7-12), 1984-85**

SUBJECT AREA	SHORTAGE PER 1,000 CURRENT TEACHERS IN SUBJECT AREA
Art	12.5
Basic Skills	61.8
Bilingual	268.2
Business Education	16.4
Computer Science	99.4
English/Language Arts	55.0
Foreign Languages	27.2
Health, Physical Education	11.3
Home Economics	13.0
Industrial Arts	13.3
Mathematics	115.6
Music	33.3
Reading	46.3
Social Studies/Science	18.9
Science	81.2
Special Education	69.5
Vocational Education	4.6
Other Secondary	7.1
TOTAL SECONDARY	48.5

Source: California State Department of Education, "Report of California Secondary Level Teacher Shortage 1984-85" (Sacramento: California State Department of Education, 1985).

Table A-6
K-12 TOTAL REVENUES FOR EDUCATION
CALIFORNIA — 1979-80 through 1985-1986

YEAR	TOTAL FUNDING (MILLIONS)	TOTAL FUNDING		1985 DOLLARS	
		PER ADA	PERCENT CHANGE	PER ADA	PERCENT CHANGE
1979-80	\$10,981.6	\$2,611		\$3,933	
1980-81	12,341.2	2,929	12.2%	3,806	-3.2%
1981-82	12,615.4	3,003	2.5	3,520	-7.5
1982-83	12,864.1	3,041	1.3	3,353	-4.7
1983-84	14,144.2	3,321	9.2	3,643	8.7
1984-85	15,950.4	3,686	11.0	3,904	7.2
1985-86 ¹	17,356.7	3,912	6.1	3,912	0.2
<hr/>					
CUMULATIVE CHANGE:					
AMOUNT	\$6,375.1	\$1,301		-\$21	
PERCENT	58.1%	49.8%		-0.5%	

¹1985-86 budget as enacted. The Legislative Analyst's figure of \$3,912 includes adult education revenues, child care revenues, cafeteria fund revenues, state payments to STRS, and miscellaneous revenues.

Note: Conversion to 1985 dollars based on California CPI.

Source: Legislative Analyst (updated for the 1985-86 budget and corrections as of September 1985).



Metropolitan Life
AND AFFILIATED COMPANIES

Metropolitan Life Insurance Company
One Madison Avenue, New York, NY 10010-3690